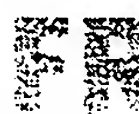
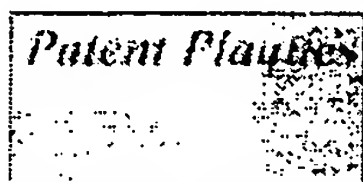


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JP9131349A2: TREATING TOOL FOR FLUORESCENCE OBSERVATION ENDOSCOPE

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Country: **JP Japan**

Kind:

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IPC Class: **A61B 17/22; A61B 1/00; A61B 1/06; A61B 10/00; A61B 17/28;**

Abstract: **Problem to be solved:** To clearly view a treating tool in a fluorescence observation screen by applying a fluorescent paint or a luminous paint to a tip portion protruded from the tip of the insertion section of an endoscope in the treating tool used for the fluorescence observation endoscope observing the fluorescence emitted from organism tissues by excitation light radiation.

Solution: In the biopsy forceps 50 used for a fluorescence observation endoscope device, a fine stainless steel wire is closely wound to form a flexible sheath 51 inserted into or removed from a forceps channel, and a forceps cup 53 opened or closed by a link mechanism 52 is fitted at its tip portion. An operation section 54 is connected to the base end of the flexible sheath 51, and an operation wire inserted into the sheath 51 is reciprocated to operate the link mechanism 52 when an operation piece 54a is slidingly operated. A fluorescent paint is applied to the tip portion of the biopsy forceps 50, and fluorescence is generated in the fluorescent paint-coated range L by the excitation light colliding with the tip portion of the biopsy forceps 50 protruded from the outlet of the forceps channel.

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